

WHAT IS CLAIMED IS

1. Novel paracetamol-based, stable, liquid formulations in an aqueous solvent.

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2. Novel stable, paracetamol-based, liquid formulations according to claim 1, wherein the aqueous solvent is a mixture containing water and a polyhydric compound or a water-soluble alcanol.

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3. Novel stable, paracetamol-based, liquid formulations according to claim 1 and claim 2, in an aqueous solvent, wherein the aqueous solvent is deoxygenated by bubbling a water-insoluble inert gas.

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4. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 3, wherein the pH of the aqueous solvent is adjusted by means of a buffering agent, in the range of 4 to 8.

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5. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 4, wherein the buffering agent yields a pH of approximately 6.0.

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6. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 4, wherein the formulations further incorporate at least one free radical-scavenger.

7. Novel stable, paracetamol-based, liquid formulations according to claim 6, wherein the free radical-scavenger is chosen among ascorbic acid derivatives, organic compounds bearing at least one thiol functional group, and polyhydric compounds.

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8. Novel stable, paracetamol-based, liquid formulations according to claim 6 or claim 7, wherein the ascorbic acid derivatives are chosen from the group of D-ascorbic acid, L-ascorbic acid, alkali metal ascorbates, alkaline earth metal ascorbates and ascorbic acid esters that are soluble in aqueous medium.

9. Novel stable, paracetamol-based, liquid formulations according to claim 6, wherein the organic compound bearing the thiol functional group is chosen among the compounds of the aliphatic or alicyclic series, bearing one or a number of thiol functional groups.

10. Novel stable paracetamol-based liquid formulations according to claim 6 and claim 9, wherein the compound bearing the thiol functional group is chosen from the group of thioglycolic acid, thiolactic acid, dithiothreitol, reduced glutathion, thiourea, α -thioglycerol, cystein, acetylcystein and mercaptoethane sulfonic acid.

11. Novel stable, paracetamol-based, liquid formulations according to claim 6 and claim 7, wherein the polyhydric compound is an aliphatic polyhydric alcohol containing from 2 to 10 carbon atoms.

12. Novel stable, paracetamol-based, liquid formulations, according to claim 6 and 7, wherein the polyhydric compound is a sugar or a cyclic or straight chain-glucitol, having from 2 to 10 carbon atoms, selected among mannitol, sorbitol, inositol and glucose.

13. Novel stable, paracetamol-based, liquid formulations according to claim 12, wherein the polyhydric compound is glycerol.

14. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 13, further comprising at least one complexing agent.

15. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 14, wherein the paracetamol concentration ranges from 2 mg to 50 mg/ml as for diluted solutions.

5 16. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 14, wherein the paracetamol concentration ranges from 60 mg to 350 mg/ml as for concentrated solutions.

10 17. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 14, wherein an appropriate quantity of isotonicizing agent is added to the preparation.

15 18. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 14, wherein solutions intended for parenteral administration are sterilized by heat treatment.

19. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 14, further comprising a central nervous system-acting analgesic such as for example a morphinic analgesic.

20 20. Novel stable, paracetamol-based, liquid formulations according to claim 19, wherein the morphinic analgesic is a morphinic compound of natural, semi-synthetic or synthetic origin, a phenylpiperidine compound, a nipecotic acid compound, a phenylcyclohexanol compound or a phenylazepine compound.

25 21. Novel stable, paracetamol-based, liquid formulations according to claim 19, wherein the morphinic analgesic is present in a quantity ranging from 0,05 to 5% of paracetamol in case of morphine and from 0,2 to 2,5% in case of codeine.

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22. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 14, further comprising an anti-inflammatory agent such as that of the phenylacetic acid type.

5 23. Novel stable, paracetamol-based, liquid formulations according to claim 22, wherein the anti-inflammatory agent is ketoprofen .

24. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 14, further comprising an antiemetic.

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25. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 14, further comprising an antiepileptic.

15 26. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 14, further comprising a corticosteroid.

27. Novel stable, paracetamol-based, liquid formulations according to anyone of claims 1 to 14, further comprising a tricyclic antidepressant.